

Manhole Inspection Summary

Manhole # S110__011MH

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Inspection Is Incomplete Rating: **4) Poor**

Record Plat: **110** Node: **011** Status: **Found**

Insp Date: **4/16/08 11:00 AM**

Incomplete Comments

Crew: **SKWJ**
Inspector: **wjenkins**
Firm: **PER**

Location Address: **319 S Caton Ave**

Cross Street: **Frederick Ave**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover Shape: **Circular**

Diameter: **26** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame Offset: **0** (in.)

Condition: Sound

Cracked

Leaks

Chimney / Frame Adjustment Exists Material: **Brick**

Parged Height: **6** (in.)

Condition: Sound Cracked **Root Intrusion** Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Corbel Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Barrel Material: **Brick**

Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots **Wall**

Bench Exists Material: **Brick**

Parged

Condition: Sound Cracked Root Intrusion Deteriorated Leaks **Debris**

Channel Material: **Brick**

Parged

Channel Exposure: **Partially Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: Sound Cracked Root Intrusion Deteriorated Leaks **Debris**

Steps Count: **3** Missing: **0** **Corroded**

Surcharge Evidence Of Surcharge Depth: **0** (ft.) Active Surcharge Present

Location View



Top View



Frame View



Defect 5



heavy roots build up in MH/ Evidence of chimney & frame infiltration

Defect 3



Heavy debris on bench and in channel

Defect 2



Corroded steps and Barrel infiltration

Defect 1



Heavy debris on bench and in channel

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **7.2** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **7.70** (ft.) Flow Characteristics: **Slow**
Deposits: None Mud **Sludge** **Debris** Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

6 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **7.35** (ft.) Flow Characteristics: **Slow**
Deposits: None Mud **Sludge** **Debris** Grease
Silt Depth: **3** (in.) Deposits Extent: **Medium**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Stub connection / abandoned**
 Possible Illicit Connection

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8 in. Circular Gravity Sewer
Pipe In @ 8 OClock

8 O'Clock Inflow

Drop In @ 8 OClock



Heavy debris in channel

Pipe Height: **7.2** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **4.38** (ft.) Flow Characteristics: **Slow**
Deposits: None Mud **Sludge** **Debris** Grease
Silt Depth: **5** (in.) Deposits Extent: **Medium**
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: Inside	Rod and Bar
Angled: Yes	Reading: 6.34 (ft.)
	Inv Depth: 7.34 (ft.)
Drop Condition: Partly Clogged	
Connects To: Dead End	
<input type="checkbox"/> Possible Illicit Connection	